



NOTICE OF THE PLANNING COMMITTEE MEETING/SPECIAL MEETING OF THE BOARD OF DIRECTORS

Tuesday, January 27, 2026 at 9:30 AM

AGENDA

LOCATIONS:

Open Session to start at or after 9:30 a.m.

Marin Water Board Room – 220 Nellen Avenue, Corte Madera, CA 94925

Closed Session to immediately follow Open Session

Marin Water Mt. Tam Conference Room - 220 Nellen Avenue, Corte Madera, CA 94925

Public Participation:

The public may attend this meeting in-person or remotely using the following methods:

On a computer or smart device, go to: <https://marinwater.zoom.us/j/8682299553>

By phone, dial: **1-669-444-9171** and use Webinar ID: **868 2299 5553**

HOW TO PROVIDE PUBLIC COMMENT:

During the Meeting: Typically, you will have 3 minutes to make your public comment, however, the committee chair may shorten the amount of time for public comment due to a large number of attendees. Furthermore, pursuant to Government Code, section 54954.2 (the Brown Act), the Board may not take action or discuss any item that does not appear on the agenda.

-- **In-Person Attendee:** Fill out a speaker card and provide to the board secretary. List the number/letter (ex: 6a) of the agenda item(s), for which you would like to provide a comment. Once you're called, proceed to the lectern to make your comment.

-- **Remote Attendee:** Use the "raise hand" button on the bottom of the Zoom screen. If you are joining by phone and would like to comment, press *9. The board secretary will use the last four digits of your phone number to call on you (dial *6 to mute/unmute).

In Advance of the Meeting: Submit your comments by email in advance of the meeting to boardcomment@marinwater.org. To ensure that your comment is provided to the Board of Directors prior to the meeting, please email your comment 24 hours in advance of the meeting start time. Comments received after this cut off time will be sent to the Board after the meeting. Please do not include personal information in your comment such as phone numbers and home addresses.

AGENDA ITEMS:

- 1. Call to Order and Roll Call**
- 2. Adoption of Agenda**
- 3. Public Comment on Non-Agenda Matters**

This is the time when any person may address the Board of Directors on matters not listed on this agenda, but which are within the subject matter jurisdiction of the Board.

- 4. Regular Items (9:35 a.m. – Time Approximate)**

- Minutes of the Planning Committee Meeting/Special Meeting of the Board of Directors on December 11, 2025

RECOMMENDATION: Accept the minutes

- Water Treatment Master Plan Update

RECOMMENDATION: Review and comment on the proposed Water Treatment Master Plan Update

- Capital Improvement Program – Tocaloma Pump Station Rehabilitation Project (D20008)

RECOMMENDATION: Review and comment on the proposed Tocaloma Pump Station Rehabilitation Project

- 5. Upcoming Meeting**

The next Planning Committee Meeting/Special Meeting of the Board of Directors is scheduled for February 10, 2026.

- 6. Announcement of Closed Session Item(s); Public Comments on Closed Session Item(s)**

Following announcement of Closed Session item(s) and prior to recess into Closed Session, the public may speak up to three minutes on items to be addressed in Closed Session. The Board will convene to Closed Session in the Mt. Tam Conference Room after public comment.

- Public Employment**

(California Government Code §54957(b))

Title: General Manager

- 7. Reconvene to Open Session; Closed Session Report Out**

- 8. Adjournment (11:30 a.m. – Time Approximate)**

ADA NOTICE AND HEARING-IMPAIRED PROVISIONS

In accordance with the Americans with Disabilities Act (ADA) and California Law, it is Marin Water's policy to offer its public programs, services, and meetings in a manner that is readily accessible to everyone, including those with disabilities. If you are an individual with a disability and require a copy of a public hearing notice, an agenda, and/or agenda packet in an appropriate alternative format, or if you require other accommodations, please contact the Board Secretary/ADA Coordinator at 415.945.1448, at least two business days in advance of the meeting. Advance notification will enable Marin Water to make reasonable arrangements to ensure accessibility.

Information agendas are available for review at the Civic Center Library, Corte Madera Library, Fairfax Library, Mill Valley Library, Marin Water Administration Building, and marinwater.org.

Posted: 01-23-2026



STAFF REPORT

Meeting Type: Planning Committee/Board of Directors
Title: Minutes of the Planning Committee Meeting/Special Meeting of the Board of Directors on December 11, 2025
From: Terrie Gillen, Board Secretary
Through: Ben Horenstein, General Manager
Meeting Date: January 27, 2026

TYPE OF ITEM: Approve Review and Comment

RECOMMENDATION: Accept the minutes

SUMMARY: There was a Planning Committee Meeting/Special Meeting of the Board of Directors on December 11, 2025. Staff is requesting that the minutes from that meeting be accepted.

DISCUSSION: None.

ENVIRONMENTAL REVIEW: Not applicable.

FISCAL IMPACT: None.

ATTACHMENT(S):

1. Draft December 11, 2025 Minutes of the Planning Committee Meeting/Special Meeting of the Board of Directors

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Communications & Public Affairs Department	 Terrie Gillen Board Secretary	 Ben Horenstein General Manager



NOTICE OF THE PLANNING COMMITTEE/SPECIAL MEETING OF THE BOARD OF DIRECTORS

Thursday, December 11, 2025 at 9:30 AM

MINUTES

LOCATIONS:

Open Session to start at or after 9:30 a.m.

Marin Water Board Room – 220 Nellen Avenue, Corte Madera, CA 94925

Outside location for Director Larry Russell - Radisson Hotel Puerto Varas, Del Salvador 024, Business Center, Puerto Varas, Los Lagos, 5550550, Chile

Public Participation:

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AGENDA ITEMS:

1. Call to Order and Roll Call

Planning Committee Vice Chair Ranjiv Khush called the meeting to order at 9:30 a.m.

DIRECTORS PRESENT

Diana Maier

Matt Samson

Jed Smith

Ranjiv Khush

Larry Russell

2. Adoption of Agenda

Director Smith made the motion to adopt the agenda. Director Samson seconded the motion.

There were no public comments.

Voting Yea: Directors Maier, Samson, Smith, Khush, and Russell

The agenda was adopted.

3. Public Comment on Non-Agenda Matters

There were no public comments.

4. Regular Items

- a. Minutes of the Planning Committee Meeting/Special Meeting of the Board of Directors on November 13, 2025

RECOMMENDATION: Accept the minutes

Director Samson made the motion to accept the minutes. Director Smith seconded the motion.

There were no public comments.

Voting Yea: Directors Maier, Samson, Smith, Khush, and Russell

The minutes were accepted.

- b. Capital Improvement Program – Scenic Avenue Tank Replacement Project (D25025)

RECOMMENDATION: Review and comment on the proposed Scenic Avenue Tank Replacement Project

Engineering Director Alex Anaya and Assistant Engineer Hagar Negash presented this item.

Discussion ensued.

There were no public comments.

No formal action was taken.

5. Upcoming Meeting

Planning Committee Vice Chair Khush announced the next Planning Committee Meeting is scheduled for Tuesday, January 27, 2026.

6. Adjournment

There being no further business, the Planning Committee Meeting/Special Meeting of the Board of Directors adjourned at 9:44 a.m.

Board Secretary



STAFF REPORT

Meeting Type: Planning Committee/Board of Directors
Title: Water Treatment Master Plan Update
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: January 27, 2026

AA
BB

TYPE OF ITEM: Approve Review and Comment

RECOMMENDATION: Review and comment on the proposed Water Treatment Master Plan Update

SUMMARY: The District constructed its two main water treatment plants, Bon Tempe Treatment Plant (BTTP) and San Geronimo Treatment Plant (SGTP), between 1958 and 1963. Since then, building codes and drinking water regulations have changed significantly, including the adoption of the Safe Drinking Water Act in 1974. A comprehensive evaluation was performed of both treatment plants in 2014, and the District's current San Geronimo and Bon Tempe Water Treatment Plants Master Plan Report (Report) was published in 2015. As a result of the findings, staff recommended specific projects to address various treatment plant needs.

The Report noted the District meets all existing and foreseeable water quality standards. While it did note the presence of taste and odor (T&O) issues, it did not provide recommendations for a new disinfection process. While staff cannot predict the nature of what is going to happen with respect to more frequent dry weather and droughts, increased T&O issues, and potential increased algal blooms resulting from global warming, it would be prudent to revisit the Report's findings and re-evaluate the potential of moving to ozone treatment. The 2015 Report made assumptions that the BTTP would be the District's emergency plant due to its ability to deliver water to the southern part of the distribution system via gravity. However, following the 2017 Tubbs Fire in Santa Rosa and PG&E PSPS notifications, the District installed a permanent 3 megawatt (MW) generator system at the San Geronimo, and the larger water treatment capacity of San Geronimo, compared to Bon Tempe, has effectively changed the District's emergency water treatment plant from Bon Tempe to San Geronimo.

The District also experienced a historic drought since the Report was published in 2015. As a result of the drought the District completed the Strategic Water Supply Assessment, and some of the proposed projects involve relying more heavily on Kent, Soulajule, and Nicasio Reservoirs, increasing the criticality that the SGTP be able to function in both planned and unplanned scenarios. Increased water quality concerns, a desire for increased water supply resiliency, and a need to prioritize treatment

plant projects within the larger Capital Improvement Program have led staff to initiate an update to the outdated 2015 Water Treatment Master Plan.

A Request for Proposals was issued for the Water Treatment and Transmission System Master Plan Update in late October 2025, with proposals due January 29, 2026. Staff will review all proposals and interview selected candidates, as needed. Staff will return to a future regularly scheduled Board of Director's meeting with a recommendation on next steps.

DISCUSSION: The District constructed its two main treatment plants, Bon Tempe Treatment Plant (BTTP) and San Geronimo Treatment Plant (SGTP), between 1958 and 1963. Since then, building codes and drinking water regulations have changed significantly, including the adoption of the Safe Drinking Water Act in 1974. Various upgrades and process changes have taken place since initial construction, and while the existing plant capacities are adequate under normal operating conditions, both plants require rehabilitation to assure their continued service into the future and to meet demand under non-routine conditions such as power outages or following a major earthquake. A comprehensive evaluation was performed of both water treatment plants in 2014, and the District's existing San Geronimo and Bon Tempe Water Treatment Plants Master Plan Report (Report) was published in 2015.

The primary drivers of the Report were to evaluate the plants' aging infrastructure reliability, seismic resiliency, operational reliability, and water quality all under the assumption that the BTTP would serve as the District's emergency water treatment plant. A facilities evaluation looked at the two water treatment plants and provided structural, architectural, mechanical, power supply, and instrumentation & control recommendations. As a result of these evaluations, staff recommended specific projects to address the respective plants' vulnerabilities. Some of the identified projects from the 2015 report, such as the filter rehabilitation and mechanical and electrical upgrades at both Bon Tempe and San Geronimo, have been completed, while others, such as the installation of new clarifiers at San Geronimo, have not.

Additionally, while the Report noted that the District meets all existing and foreseeable water quality standards, it did note the presence of taste and odor (T&O) issues but did not provide recommendations for a new disinfection process. Considering global warming and climate change into the future, the District can expect to see more frequent dry weather and droughts, T&O events, algal blooms, and potential increased regulation around harmful algal blooms. While staff cannot predict the nature of what is going to happen, this forecast shows it prudent to revisit the Report's findings and re-evaluate the potential of moving to ozone treatment. Moving to ozone treatment would not only provide a mechanism for the District to reduce T&O issues and the effects of harmful algal blooms but would also drastically reduce disinfection by-products throughout the system. Pursuing ozone treatment would require new changes to the treatment system, which was not included in the 2015 Report. If ozone is installed, the hydraulic grade line of the water would need to be evaluated. This would need to be conducted comprehensively, as there is the potential to lose the ability to pump from Tocaloma since new clarifiers would be needed at a higher elevation than the existing ones.

To further support the Water Treatment Master Plan Update, it is important to note that treatment plant projects outside of the Report's recommendations have been completed since 2015. Most notably, a 3 MW generator was installed at San Geronimo Treatment Plant and completed in 2023. Following the 2017 Tubbs Fire in Santa Rosa and PG&E's notice of Public Safety Power Shutoffs (PSPS) to its customers in California, the District took measures to first rent a 2MW generator system in 2018

for the SGTP ensuring uninterrupted water production while the District completed construction of its permanent 3MW generator system. The District now has operational reliability and resiliency at the SGTP and can continue to keep the treatment plant in operation and allow the North Marin Line Boosters to continue to pump water into the distribution system. The original 2015 Report assumed that the BTTP would function as the District's emergency plant due to its ability to deliver water to the southern part of the distribution system via gravity. However, with the generators now installed at the SGTP and with its larger production capacity when compared to the BTTP, the District has effectively changed its emergency plant from Bon Tempe to San Geronimo.

The District also experienced a historic drought since the Report was published in 2015. Since then, staff completed the Strategic Water Supply Assessment and recommended several projects to increase the District's water supply resiliency. Some of the proposed projects involve relying more heavily on Kent, Soulajule, and Nicasio Reservoirs, increasing the criticality that San Geronimo be able to function in both planned and unplanned scenarios.

Increased water quality concerns resulting from a changing climate, a desire for increased water supply resiliency, and a need to prioritize treatment plant projects within the larger Capital Improvement Program have led staff to initiate an update to the 2015 Water Treatment Master Plan. A Request for Proposals was issued for the Water Treatment and Transmission System Master Plan Update in late October 2025, with proposals due January 29, 2026. Staff will review all proposals and interview selected candidates, as needed. Staff will return to a future regularly scheduled Board of Director's meeting with a recommendation on next steps.

ENVIRONMENTAL REVIEW: None

FISCAL IMPACT: Funding for this project has been identified and included in the Capital Improvement Budget (FY 26 and FY 27) under the A1A04 budget category.

ATTACHMENT(S): None



STAFF REPORT

Meeting Type: Planning Committee/Board of Directors
Title: Capital Improvement Program – Tocaloma Pump Station Rehabilitation Project (D20008)
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager 
Meeting Date: January 27, 2026 

TYPE OF ITEM: Approve Review and Comment

RECOMMENDATION: Review and comment on the proposed Tocaloma Pump Station Rehabilitation Project

SUMMARY: The proposed Tocaloma Pump Station Rehabilitation Project scope includes a new electrical switchgear, variable frequency drives for each pump, new fire-hardened electrical control building, replacement of five (5) pumps and motors, and replacement of critical valves and appurtenances.

DISCUSSION: The Tocaloma Pump Station, which was constructed in 1961 and is in Tocaloma, California, is a critical component of the District's raw water conveyance system. The facility consists of a steel pump house building and a separate cinder block electrical control building, and it supplies untreated water from both Nicasio and Soulajule Reservoirs to the San Geronimo Treatment Plant. The pump station operates one 200-horsepower pump and five (5) 400-horsepower vertical turbine pumps. Depending on operational conditions, the pump station can provide approximately 50 percent of the San Geronimo Treatment Plant's annual water supply. The current maximum operational capacity of the pump station is 20 million gallons per day.

The existing electrical control building houses the pump station's electrical switchgear, six motor starters, programmable logic controller, fuses, and associated appurtenances. All electrical switchgear and motor starters are original to the pump station and are beyond their intended service life and considered obsolete. Replacement parts for this equipment are no longer manufactured, creating a moderate likelihood of failure across all six pumps. Failure of any motor starter would render the associated pump non-operational and effectively unrepairable, resulting in a loss of pumping capacity and reduced system reliability and redundancy.

The proposed Tocaloma Pump Station Rehabilitation Project is intended to address these systems risks by replacing obsolete mechanical and electrical equipment that has reached the end of its useful life.

The project will modernize the facility to current design, safety, and operational standards while improving efficiency and operational flexibility. A central component of the project is replacement of the existing electrical equipment and motor starters with a new motor control center incorporating variable frequency drives. The variable frequency drives will allow operators to better regulate flow rates to the San Geronimo Treatment Plant, improve system efficiency, and reduce electrical demand charges.

The project includes replacement of the existing electrical control building with a new fire-hardened, seismically resilient structure. The existing electrical control building does not meet current seismic design requirements due to insufficient structural reinforcement and is undersized to accommodate modern electrical equipment while maintaining required clearances in compliance with National Electrical Code safety standards. The new building will be constructed with reinforced concrete masonry unit walls on a concrete slab foundation and a fire-hardened metal roof. Heating, ventilation, and air conditioning systems will be provided to maintain appropriate environmental conditions for the electrical equipment, supporting long-term reliability and extending useful equipment life.

As part of the rehabilitation effort, the project will replace the five (5) original 400-horsepower vertical turbine pumps. These pumps have undergone numerous repairs over the past 65 years of use and exhibit significant wear. Recent efficiency testing indicates the existing pumps operate at approximately 61 to 67 percent efficiency, which limits available pumping capacity and increases electrical energy consumption. The replacement pumps will be designed with efficiencies of 86 percent or greater, improving hydraulic performance, increasing available flow capacity, and reducing ongoing electrical operating costs. The remaining single 200-horsepower pump was recently refurbished in 2021 and tested at 75 percent efficiency rating. Due to the recent refurbishment, the pump will remain and be replaced at a later date.

Additional project elements include installation of a new radio tower to improve operational communications, installation of new cathodic anodes to provide corrosion protection for inlet and outlet piping, drainage improvements, replacement of critical valves, recoating of the steel pump building structure, and installation of perimeter security fencing.

The proposed Tocaloma Pump Station Rehabilitation Project is focused on restoring a critical pumping facility to modern operational standards, improving efficiency through the use of variable frequency drives, and increasing system resiliency through a new fire-hardened, seismically compliant electrical control building. The project directly addresses equipment obsolescence and reliability risks while supporting the District's long-term water supply operations.

Estimated Budget:

Engineer's Estimate:	\$ 12,800,000
Contingency (10%):	\$ 1,300,000
Prof. Fees	\$ 703,890
District Labor/Inspection:	\$ 350,000
Total Budget:	\$ 15,153,890
Budget Category:	A1A07

Estimated Project Implementation Schedule:

Project Advertisement:	February 3, 2026
Bid Opening:	March 17, 2026
Project Award:	April 21, 2026
Estimated Completion Date:	November 30, 2028
Duration:	954 days

Estimated Construction Timeline

Under Contract	Spring 2026
Long Lead Time Items ⁽¹⁾	Summer 2026 – Summer 2027
Expected Pump Station Shutdown ⁽²⁾	Summer 2027 – Summer 2028
Pump Station Startup/ Project Complete	Fall 2028

⁽¹⁾ Critical path construction items only, such as procurement of electrical equipment.

⁽²⁾ Critical path: demo electrical building, construct CMU building, install new pumps/motors/VFDs/switchgear.

District staff intends to make a recommendation for consideration of project approval and contract award for this item at a future regularly scheduled Board of Directors meeting.

ENVIRONMENTAL REVIEW: The Director of Engineering has determined that the Project is Categorically Exempt pursuant to CEQA Guidelines Section 15302(c), Replacement or Reconstruction. The Project qualifies for exemption pursuant to Section 15302(c) inasmuch as it is the replacement of an existing electrical building and pumps involving negligible or no expansion of capacity.

FISCAL IMPACT: The total estimated cost to complete the Tocaloma Pump Station Rehabilitation Project is \$15,153,890, which includes District labor, professional services, construction costs, and contingencies. The project is partially funded through the Adopted FY 2025–27 Two-Year Capital Improvement Budget. Sufficient fund balance is available in the FY 2026–27 budget to cover anticipated contractor invoices through June 2027, the majority of which are associated with early procurement of long-lead time electrical equipment. Staff will prioritize and identify the remaining project funding in the FY 2027–29 Capital Improvement Budget to fully support construction and project completion.

ATTACHMENT(S):

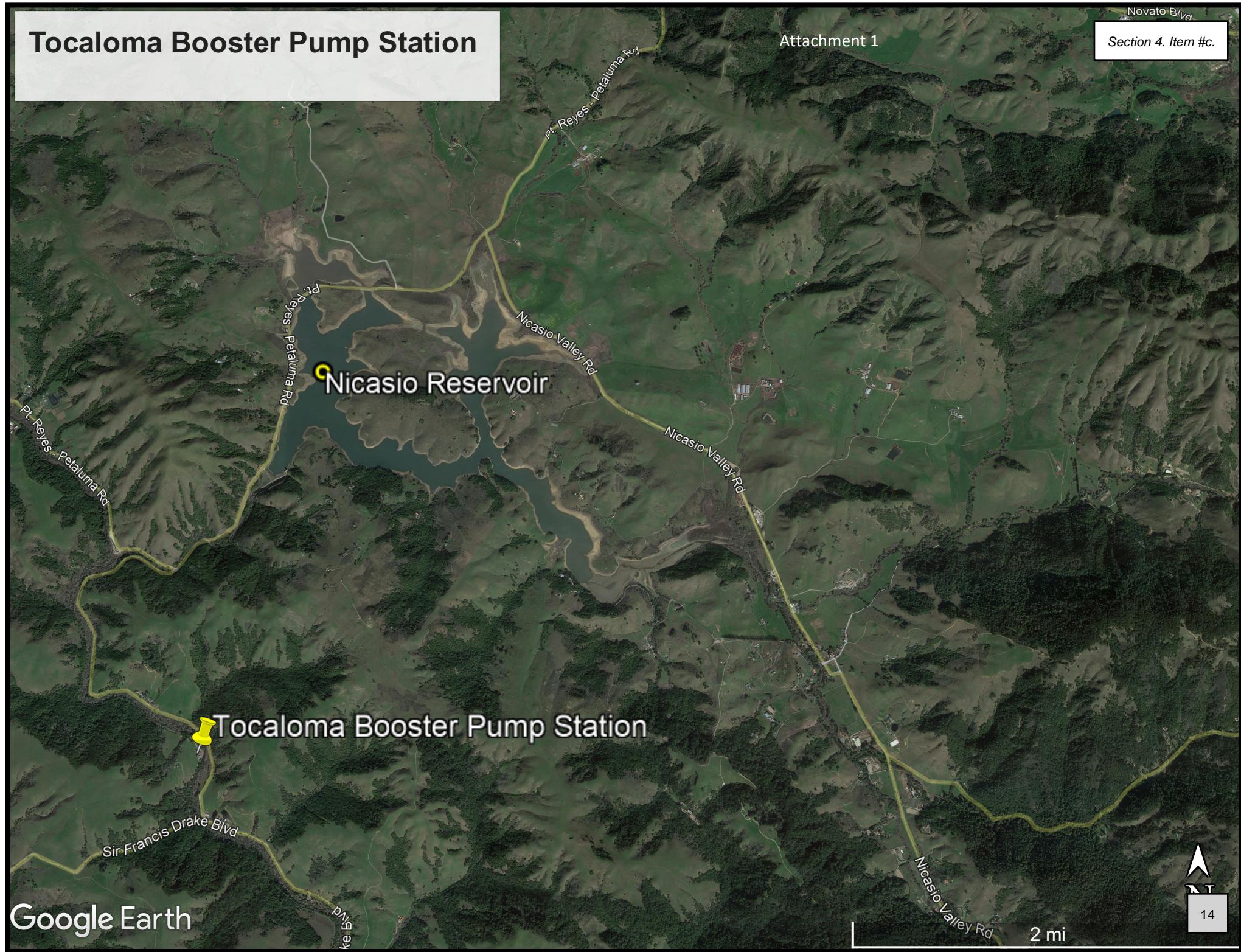
1. Area and Site Maps

Tocaloma Booster Pump Station

Attachment 1

Novato Blvd

Section 4. Item #.



TOCALOMA PUMP STATION SITE MAP

Section 4. Item #c.

